

~~Mr. [redacted]~~ Hedrick, ~~[redacted]~~

963 S. Delaware

Springfield, Missouri 65802



Steve
Answer this letter
Bob

Stephen D. Short, Water Pollution Control Ins
Department of Public Works, City of Springfie
830 Boonville Avenue
Springfield, MO 65801

Department of Public Works

830 Brownville
Springfield, Missouri 65802
(417) 864-1900

MEMO

DATE

2/20/90

TO:

Randy

LOCATION:

Please forward to:

FROM:

Linda

For your information

For your signature

For your comments

As you requested

For your approval

Prepare reply for my/your signature

Please call/see me on this

Please return

Please take required action

Please file

MESSAGE:

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM


ATTENTION OF _____ FILE _____

DATE _____ October 11, 1982 _____

DEPARTMENT _____

On Sunday, October 10, 1982, at 10:30 P.M. I received a call from the Fire Department dispatcher that Charles W. Hedrick of 963 S. Delaware was getting gasoline fumes in his basement. I met the Fire Marshal, Gary Gorley, on Delaware and he had gotten a reading of 18% L.E.L. on his explosion meter in the basement floordrain. He advised Mr. Hedrick to run water into the drain. Gary Gorley and I then checked the manhole above his lot, but didn't get a reading. The two manholes below the lot had readings of 10% L.E.L. The flusher was called and the main in the alley and the main on Grand Street were flushed.

cc: Robert R. Schaefer, P.E., Superintendent of Sanitary Services
Henry Cole, P.E., Sanitary Engineer


Karen Chandler
Water Pollution Control Inspector II
SIGNED ~~Surveillance & Enforcement~~

900 S DELAWARE

February 22, 1990

Memo to File
951 South Delaware

On February 20, 1990 Karen Chandler and Steve Short accompanied Jerry Cody and Bill Crossland from the Fire Department in an inspection of 951 South Delaware to investigate a complaint of an oil-like liquid entering the basement of the residence. The home is a late 1940's brick structure with a 2/3's basement under the west portion of the structure. Gas and water mains are located along Delaware Street. Service lines enter the basement on the south side. Both natural gas and water lines have been replaced in the last few years. The sanitary sewer main is located in an alley in the rear of the lot. The home drains by gravity to the sewer. The basement has a stool and several floor drains. One floor drain in the southwest quadrant receives the water from an automatic washer through a hose to a removed cleanout plug in a floor drain. The home has a natural gas furnace installed within the last five years, by the current owners who's C.U.'s initial date is 11/84. It has a coal chute door on the south side of the basement. There is a small concrete footing located next to the outside basement wall just north of where the basement wall extends to the west for the outside yard entrance. The footing does not serve any purpose today, but may have served as a fuel oil tank foundation. This is due west of the sewer pipe that penetrates the basement floor that provides the loss of integrity that has allowed the pollutant to enter the structure.

The owners, Morris and Pearl Beckham guided us to an area at the base of the interior stairs to the basement where the sanitary sewer pipe penetrates the basement floor to serve the main floor. The pipe is located just inside the basement wall and near the center of the west wall. There is an outside entrance stairway a few feet to the south of the sewer pipe. The outside entrance area is a continuation of the basement concrete wall and appears to have been poured at the same time. The pollutant observed is little more than a stain on the concrete floor, while a floor mat that had been used to cover the stain smells very strongly of a diesel like compound. Similar but less pronounced stains were observed in several other locations at seems or cracks in the floor. One area of special importance is the installation of what Mrs. Beckham called "perforated pipe" by Charles Howell, HomeTech Water Professionals, 869-1535, in 1985, ~~or 1986~~. She indicated the contractor jackhammered the floor and installed the pipe to eliminate a water seepage problem in the basement. The extent of the project can be estimated from the ribbon patch in the concrete floor that extends from a floordrain near the centerwest portion of the basement east to the east basement wall and then south along the east wall approximately ten feet. This appears to be a illegal connection of a groundwater footing drain to the sanitary sewer. This possibly could have played a significant role in the

TITE-SEAL
BASEMENT
WATER
PROFESSIONALS
HAROLD
BRAMLETT
833-1667

963-951 S. DELAWARE

current problem by lowering the high groundwater table so that a pollutant in the soil outside the basement wall could follow the cone of depression and migrate under the basement floor.

The yard of 951 South Delaware and surrounding homes were investigated for signs of fuel oil tanks, drop tubes, or other obvious signs of hydrocarbon contamination. None were observed. 955 South Delaware, occupied by Mr. Coleman, was also investigated. He is in excess of 90 years old and moved in the home in 1940. He could not recall the Beckhams home ever using fuel oil. His basement was investigated with no indications of any similar pollutant problem. The basement had several active groundwater leaks that flowed across the floor to a four inch clay pipe located in the south basement wall, floor interface. This pipe does not appear to be connected to the sanitary sewer and may be tributary to a storm sewer. We also received permission from Mr. Coleman to pump a old hand pump in his backyard. A few gallons was pumped and no odor or sheen was observed. We did not inspect the Hedrick home at 961 South Delaware.

We did observe some elevated L.E.L. readings in the sanitary sewer in Grand Street.

A handwritten signature in cursive script that reads "Stephen Short". The signature is written in dark ink and is positioned above the printed name and title.

Stephen Short
Water Pollution Control Inspector
Surveillance and Enforcement

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF _____ FILE _____

DATE _____ October 12, 1982

DEPARTMENT _____

Gene, J.D., and I inspected the sewers around 963 S. Delaware for gasoline. All branches upstream were checked. It appears the source is located in the vicinity of manholes 26, 27, 40, wye map Q-13. The source may be a leak this office discovered in October, 1981, at the Webster Oil Station, 1003 S. Glenstone. Another possibility is underground tanks at the Ming Car Care. This location will be investigated further. During our investigation Mrs. Charles Hedrick stopped us to inquire about our findings. We informed her our investigation was not complete. We reinspected her basement floor drain and observed a 20% L.E.L. We also noted that the floor drain clean-out plug was missing. Mrs. Hedrick was advised to replace the plug, as the missing plug was allowing the fumes to enter the home. When the plug is replaced their problem should be solved.

963. S. Delaware

SIGNED _____

S.D.S.

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF _____

Steve

DATE _____

DEPARTMENT _____

Roy Carter →
869-8070

Quick hire + Clutter Adjustors

I called Mr. Carter, discussed
STEVE'S Memo, HE SAID THAT WAS
ALL HE NEEDED, do not need to call
him BACK. Randy

SIGNED _____

M E M O

Date _____

To: Steve Short

Location: _____

Please forward to: _____

From: DUANE GALLOWAY

- | | | |
|--|--|--------------------------------------|
| <input checked="" type="checkbox"/> For your information | <input type="checkbox"/> Please Return | <input type="checkbox"/> Supplies |
| <input type="checkbox"/> For your comments | <input type="checkbox"/> Please take required action | <input type="checkbox"/> Fast Copies |
| <input type="checkbox"/> For your approval | <input type="checkbox"/> Please file | _____ Copies of _____ Sheets |
| <input type="checkbox"/> For your signature | <input type="checkbox"/> As you requested | R/C = _____ |
| <input type="checkbox"/> Please call/see me on this | <input type="checkbox"/> Prepare reply for my/your signature | |
| <input type="checkbox"/> Mail (No. of Pieces _____, <input type="checkbox"/> In Town <input type="checkbox"/> Out of Town) | | |

If you have any questions
Please give me a call.

831-8501

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